

FIG. 1

200 ↗

| | | | | | | |
|---------------------------|----------------------|---------------------|--------------------|----------------------|---------------|---------------|
| User ID 202 | Password 204 | Name 206 | Gender 208 | Date of Birth 210 | Height 212 | Weight 214 |
| Education 216 | Ambitions 218 | Job 220 | Preferences 222 | | | |
| Personal Greeting 224 | | | | | | |
| Temporary Greeting 226 | | | | | | |
| Live Connection 227 | Paid/Not Paid 228 | In_Chat_Room 229 | | | | |

FIG. 2A

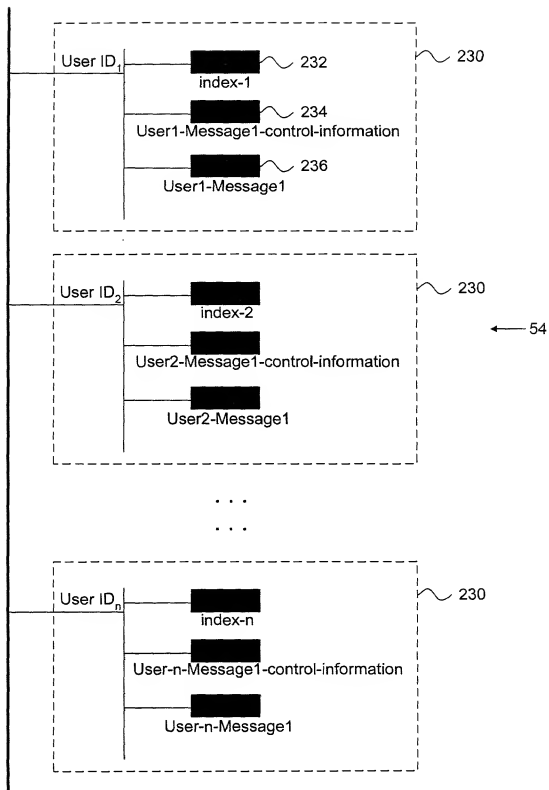


FIG. 2B

DEPT* 04028650

234
↙

| Message ID <u>262</u> | Message Originator <u>266</u> | Time & Date <u>272</u> | Message checked <u>274</u> | Message Paid/Unpaid <u>276</u> |
|-----------------------------|-------------------------------------|------------------------------|----------------------------------|--------------------------------------|
|-----------------------------|-------------------------------------|------------------------------|----------------------------------|--------------------------------------|

FIG. 2C

280 ↘

| | |
|--------------------------|-----------------------|
| User ID <u>282</u> | Balance <u>290</u> |
|--------------------------|-----------------------|

FIG. 2D

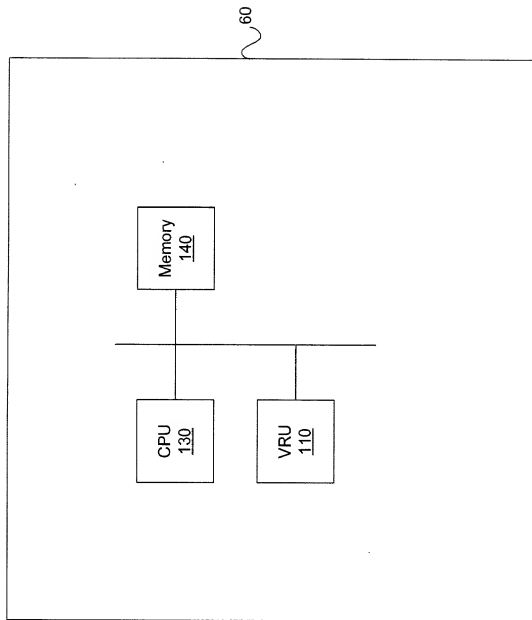


FIG. 3

09987440 443004
TOEFT 04/28/60

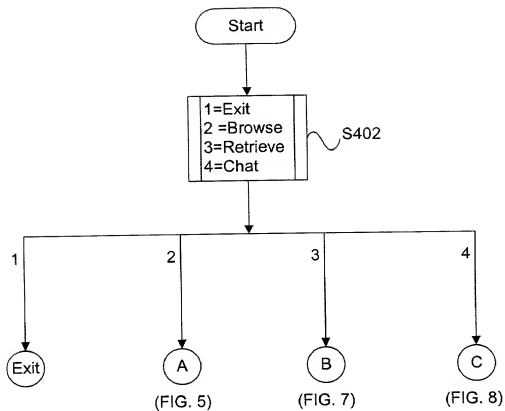


FIG. 4

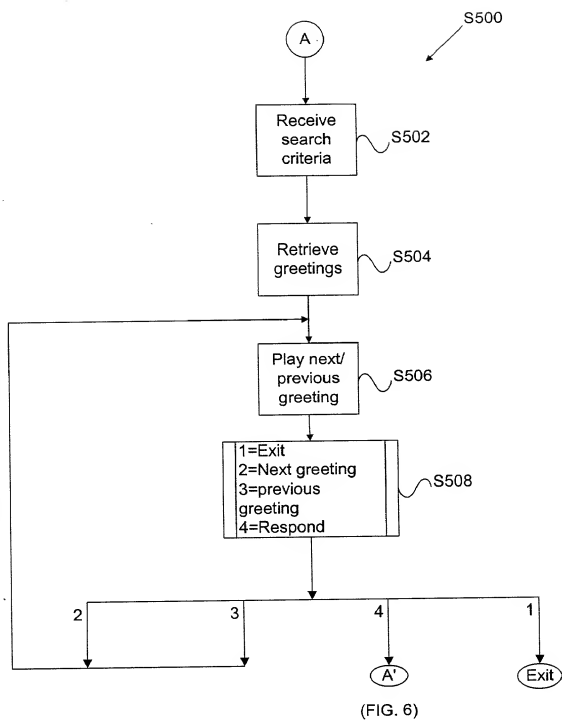


FIG. 5

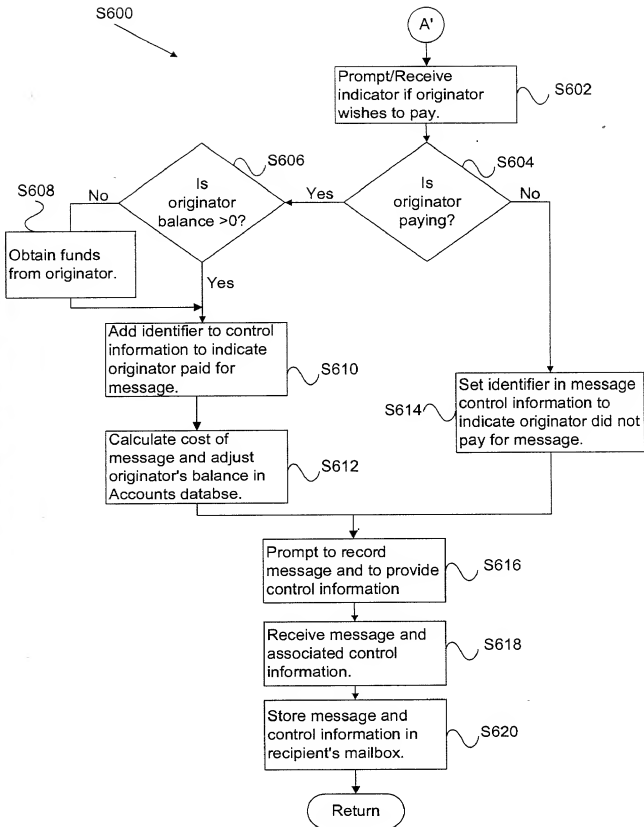


FIG. 6

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graph TD
    Start([Start]) --> S702[Receive recipient's request to check unchecked messages.]
    B((B)) --> S702
    S702 --> S704{More unchecked messages?}
    S704 -- No --> Return([Return])
    S704 -- Yes --> S706[Access unchecked message.]
    S706 --> S708{Has message been paid for?}
    S708 -- No --> S710[Indicate unpaid message waiting.]
    S710 --> S712[Receive recipient's response.]
    S712 --> S714{Recipient agrees to pay?}
    S714 -- No --> S724[Leave message.]
    S714 -- Yes --> S730{Is recipient's balance > 0?}
    S730 -- No --> S732[Obtain funds from recipient.]
    S732 --> S734[Calculate cost of message and adjust recipient's balance in Accounts database.]
    S734 --> S712
    S730 -- Yes --> S712
    S708 -- Yes --> S718[Retrieve and process message, and send it to recipient.]
    S718 --> S720[Notify originator that message was checked by recipient.]
    S720 --> S722{Recipient wants to reply?}
    S722 -- No --> S702
    S722 -- Yes --> A'((A'))
    A' --> S702
    S724 --> S702

```

FIG. 7

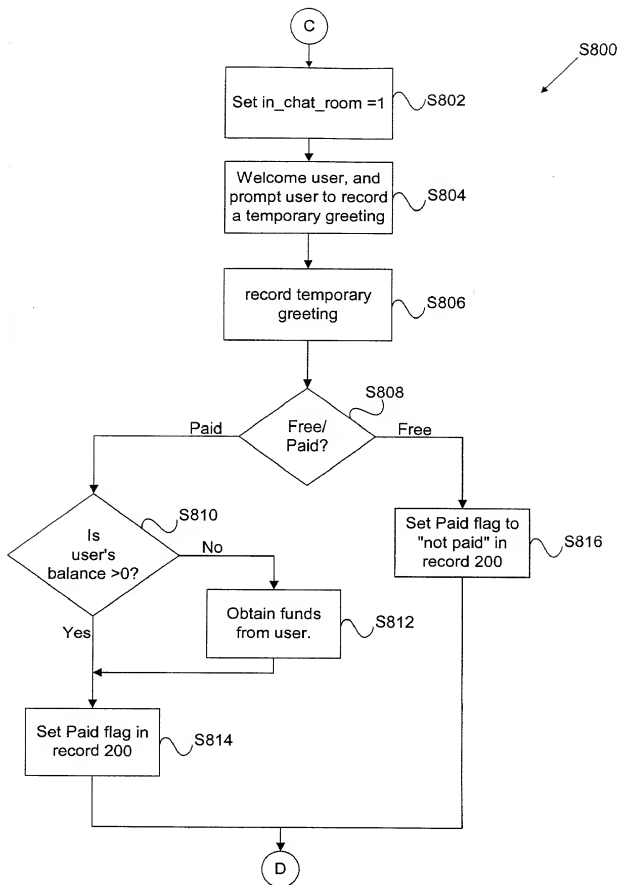


FIG. 8

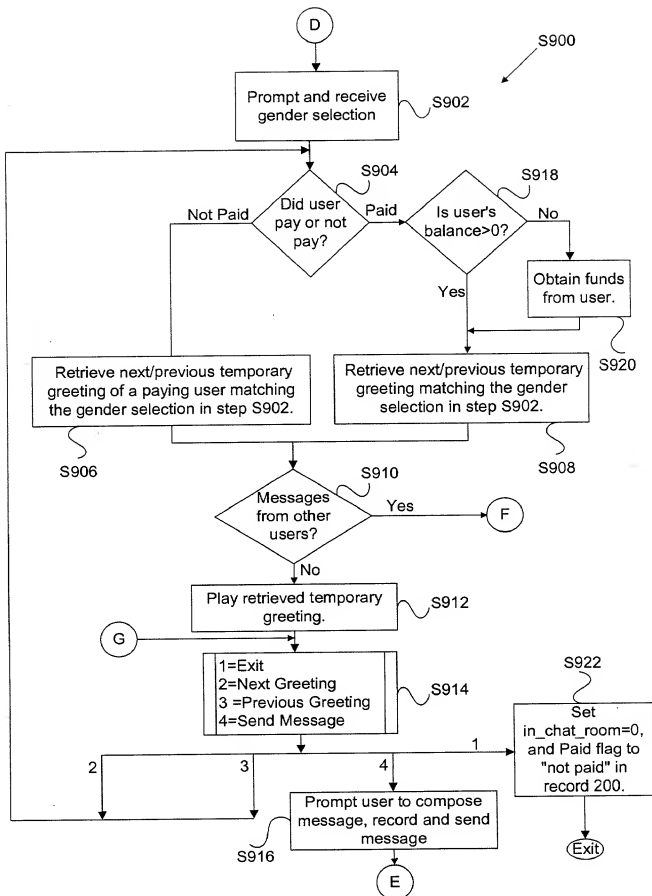


FIG. 9

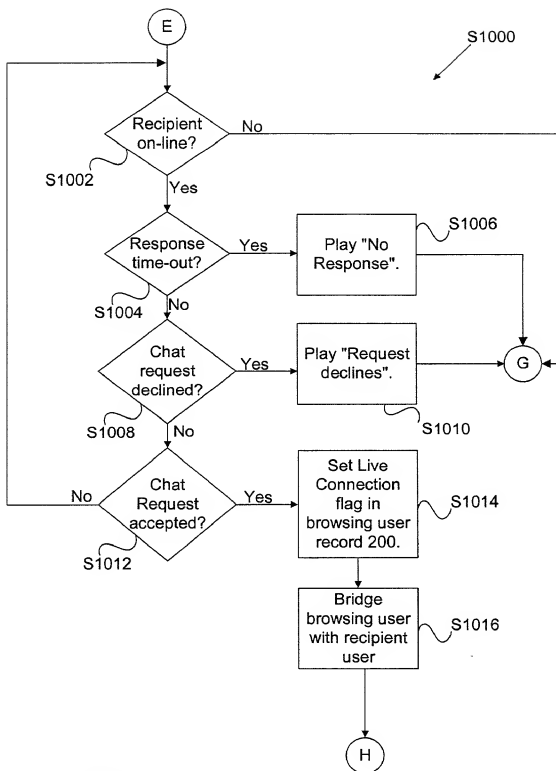
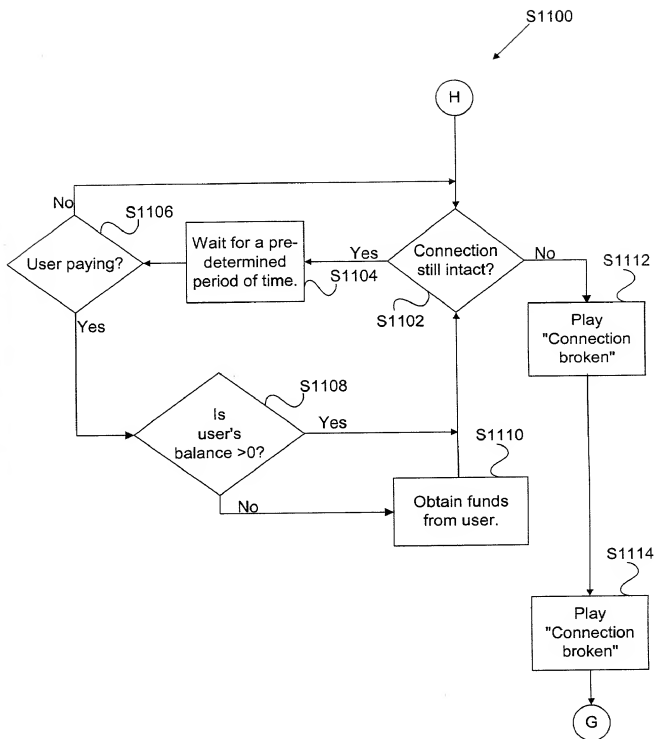


FIG. 10



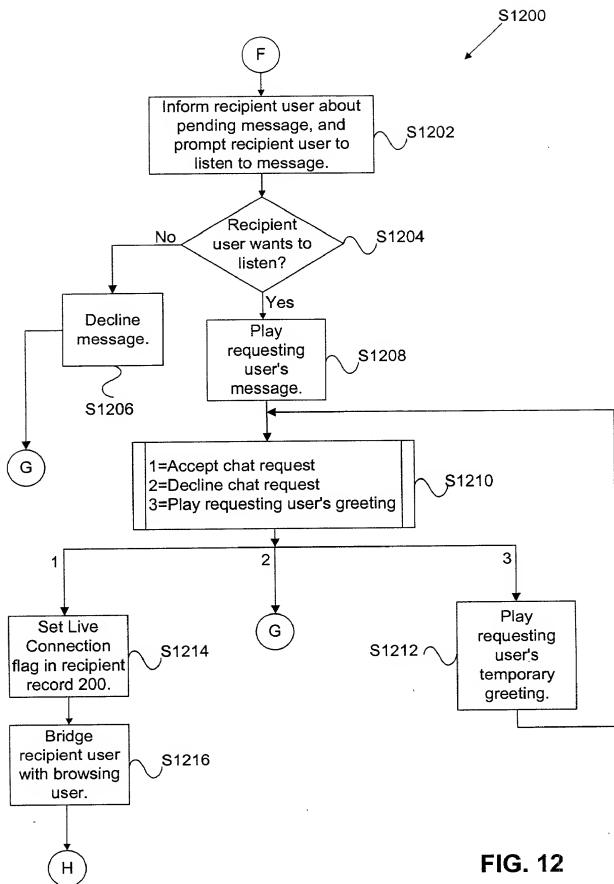


FIG. 12

0987040-11301

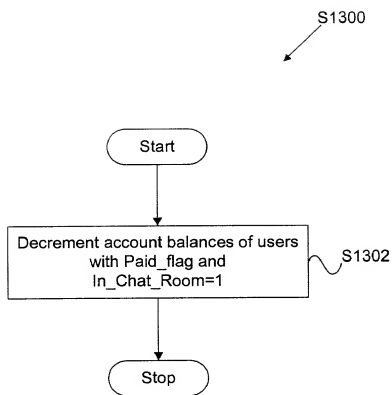


FIG. 13